IN THE CLAIMS:

The text of all pending claims are set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously amended), (cancelled), (withdrawn), (new), (previously added), (reinstated - formerly claim #), (previously reinstated), (re-presented - formerly dependent claim #) or, (previously re-presented).

Please AMEND the claims in accordance with the following:

1.   (Currently Amended) ~~The~~ A method of ~~controlling~~ allocating additional hardware resources in a computer ~~system~~ having a plurality of hardware resources ~~available to it~~, said method comprising ~~the steps of~~:

monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

automatically analyzing ~~comparing~~ said obtained historical data ~~against an estimated requirement for said resources~~ to arrive at a prediction of a future level of availability of a monitored hardware resource; ~~of system requirements; and~~

providing a signal when said prediction of the future level of availability of the monitored resource fails to meet an availability threshold; and ~~varies from a predicted limit~~

without user intervention, responding to the signal by automatically allocating an additional hardware resource to be manually physically added to the computer.

2.   (Currently Amended) The method of claim 1 further including ~~the step of~~:

performing at least one calculation with respect to certain of said obtained data.

3.   (Currently Amended) The method of claim 1 ~~further including the step of~~:

~~without user intervention, enabling the addition of resources under control of said signal providing step~~ wherein said allocating occurs when said prediction indicates that the resources are below said ~~limit~~ threshold.

2

4.   (Currently Amended) The method of claim 1 further including the step of:

without user intervention, enabling the reduction of resources under control of said signal providing step when said prediction indicates that the required resources are above said limit.

5.   (Cancelled)

6.   (Original) The method of claim 1, wherein said signal is in graphical form on a resource by resource basis.

7.   (Currently Amended) The method of claim 1, wherein said comparing step includes the step of analyzing of includes:

analyzing all available applications as a function of at least one system resource.

8.   (Currently Amended) The method of claim 1, wherein said hardware resources are selected from the set of resources, including memory, CPU, Disk, available ports, and network resources.

9.   (Currently Amended) The A method of controlling allocating additional hardware resources in a computer system having a plurality of hardware resources available to it, said method comprising the steps of:

monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

automatically analyzing comparing said obtained historical data against an estimated requirement for said resources to arrive at a prediction of a future level of availability of a monitored hardware resource; system requirements; and

without user intervention, enabling an adjustment in resources when said prediction of the future level of availability of the monitored resource fails to meet an availability threshold under control of said comparing step.

3

10.   (Currently Amended) The method of claim 9 further including the step of:
performing at least one calculation with respect to certain of said obtained data.

11.   (Currently Amended) The method of claim 9 wherein said enabling step includes
adding resources to said system computer from a remote location.

12.   (Currently Amended) The method of claim 9 wherein said enabling step includes
removing resources from said system computer.

13.   (Currently Amended) The method of claim 9 wherein said comparing step
includes the step of storing historical data on resource usage.

14.   (Currently Amended) The method of claim 9 wherein said comparing step
includes the step of:
analyzing all available applications that are a function of at least one system resource.

15.   (Currently Amended) A system for controlling allocating additional hardware
resources in a computer system having a plurality of hardware resources available to it, the said
system comprising:
means for a monitoring unit monitoring use of selected ones of said hardware resources
by the computer to obtain historical data pertaining to the historical availability to the computer
of each said monitored hardware resource;
means for comparing an analyzing unit automatically analyzing said obtained historical
data against an estimated requirement for said resources to arrive at a prediction of a future
level of availability of a monitored hardware resource; system requirements; and
means for a signal providing unit providing a signal when said prediction of the future
level of availability of the monitored resource fails to meet an availability threshold; and varies
from a predicted limit.
without user intervention, responding to the signal by automatically allocating an
additional hardware resource to be manually physically added to the computer.

4

16.   (Currently Amended) The system of claim 15 further comprising:

~~means for~~ performing at least one calculation with respect to certain of said obtained data.

17.   (Cancelled)

18.   (Currently Amended) The system of claim 15 further comprising:

~~means~~ a unit operable without user intervention ~~for~~ enabling the reduction of resources under control of said signal when said prediction indicates that the required resources are above said limit.

19.   (Currently Amended) The system of claim 15 further comprising:

~~means for~~ storing historical data on resource usage.

20.   (Original) The system of claim 15 wherein said signal is in graphical form on a resource by resource basis.

21.   (Currently Amended) The system of claim 15 further comprising:

~~means for~~ analyzing all available applications as a function of at least one ~~system~~ computer resource.

22.   (Original) The system of claim 15 wherein said resources are selected from the set of resources, including memory, CPU, Network, Disk, available ports, and network resources.

23.   (Currently Amended) ~~The~~ A system of ~~controlling~~ allocating additional hardware resources in a computer ~~system~~ having a plurality of hardware resources ~~available to it~~, said method comprising ~~the steps of~~:

monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

5

automatically analyzing comparing said obtained historical data against an estimated requirement for said resources to arrive at a prediction of a future level of availability of a monitored hardware resource; system requirements; and

without user intervention, enabling an adjustment in resources when said prediction of the future level of availability of the monitored resource fails to meet an availability threshold under control of said comparing step.

24.   (Currently Amended) The system of claim 23 further including the step of:
performing at least one calculation with respect to certain of said obtained data.

25.   (Currently Amended) The system of claim 23 wherein said enabling step includes adding resources to said system computer from a remote location.

26.   (Currently Amended) The system of claim 23 wherein said enabling step includes removing resources from said system computer.

27.   (Currently Amended) The system of claim 23 wherein said comparing step includes the step of storing historical data on resource usage.

28.   (Currently Amended) The system of claim 23 wherein said comparing step includes the step of:
analyzing all available applications as a function of at least one system computer resource.

29.   (Currently Amended) The A computer program product operational in conjunction with a processor for controlling allocating additional hardware resources in a computer system having a plurality of hardware resources available to it, said product comprising:

a monitor ~~for~~ monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

~~a comparator for comparing~~ an analyzer automatically analyzing said obtained historical data ~~against an estimated requirement for said resources~~ to arrive at a prediction of a future level of availability of a monitored hardware resource; ~~system requirements;~~ and

an adjusting unit ~~means~~ operable without user intervention automatically allocating for manual physical addition, ~~enabling an adjustment in~~ resources according to the analyzing ~~under control of said comparing step~~.

30.   (Currently Amended) The computer product of claim 29 further including:

~~means~~ a unit operable in cooperation with said comparator ~~for~~ performing at least one calculation with respect to certain of said obtained data.

31.   (Currently Amended) The computer product of claim 29 wherein said ~~means for enabling~~ adjusting unit includes adding resources to said system from a remote location.

32.   (Currently Amended) The computer product of claim 29 wherein said ~~means for enabling including removing~~ adjusting unit removes resources from said system.

33.   (Currently Amended) The computer product of claim 29 wherein said comparator ~~includes means for storing~~ stores historical data on resource usage.

7